

10/644,645

=> d his

STN-STRUCTURE SEARCH
3-29-04

(FILE 'HOME' ENTERED AT 10:20:54 ON 29 MAR 2004)

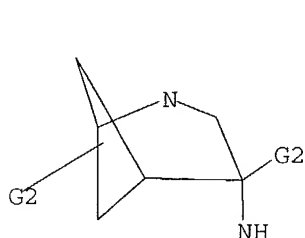
FILE 'REGISTRY' ENTERED AT 10:21:04 ON 29 MAR 2004

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 0 S L1 FULL
L4 STRUCTURE UPLOADED
L5 0 S L4
L6 0 S L4 FULL

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O,S

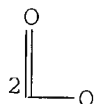
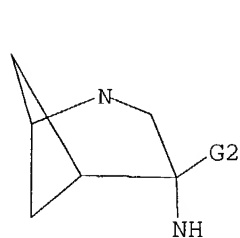
G2 B, COOH, PO3H2, SO3H, [@1], [@2]

Structure attributes must be viewed using STN Express query preparation.

=> d l4

L4 HAS NO ANSWERS

L4 STR



G1 O,S

G2 B, COOH, PO3H2, SO3H, [@1], [@2]

Structure attributes must be viewed using STN Express query preparation.

=> => d his

10/644,645

(FILE 'HOME' ENTERED AT 10:20:54 ON 29 MAR 2004)

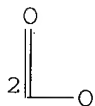
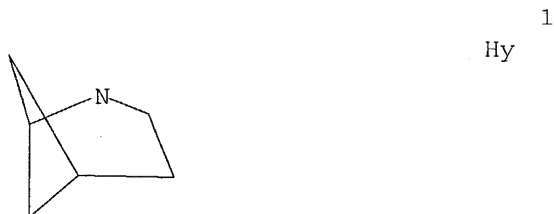
FILE 'REGISTRY' ENTERED AT 10:21:04 ON 29 MAR 2004

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 0 S L1 FULL
L4 STRUCTURE UPLOADED
L5 0 S L4
L6 0 S L4 FULL
L7 STRUCTURE UPLOADED
L8 0 S L7
L9 STRUCTURE UPLOADED
L10 0 S L9
L11 0 S L9 FULL

=> d 19

L9 HAS NO ANSWERS

L9 STR



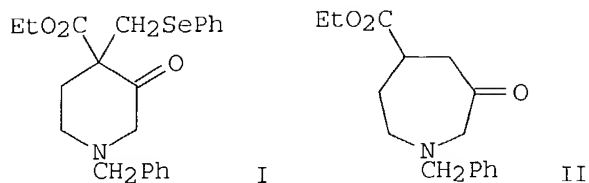
G1 O,S

G2 B,COOH,PO3H2,SO3H,[@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

=> => d ibib abs hitstr 1-6

L4 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1991:514333 CAPLUS
DOCUMENT NUMBER: 115:114333
TITLE: Free radical ring-expansion leading to novel six- and
 seven-membered heterocycles
AUTHOR(S): Dowd, Paul; Choi, Soo Chang
CORPORATE SOURCE: Dep. Chem., Univ. Pittsburgh, Pittsburgh, PA, 15260,
 USA
SOURCE: Tetrahedron (1991), 47(27), 4847-60
 CODEN: TETRAB; ISSN: 0040-4020
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 115:114333
GI



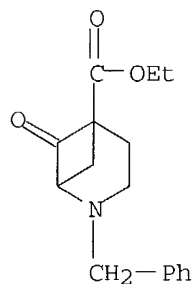
AB Free radical promoted ring-expansion of nitrogen-, oxygen- and sulfur-containing heterocyclic β -keto esters is described. Treatment of phenylselenomethyl derivs., e.g., I, of the starting heterocycles with Bu_3SnH leads to smooth one-carbon ring expansion to afford 6- or 7-membered heterocycles, e.g., II.

IT **135746-23-5P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 135746-23-5 CAPLUS

CN 2-Azabicyclo[3.1.1]heptane-5-carboxylic acid, 6-oxo-2-(phenylmethyl)-, ethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1989:594526 CAPLUS

DOCUMENT NUMBER: 111:194526

TITLE: Intramolecular [2 + 2] cycloadditions of keteniminium salts derived from α - and β -amino acids. A route to azabicyclic ketones

AUTHOR(S): Gobeaux, Benoit; Ghosez, Leon

CORPORATE SOURCE: Lab. Chim. Org. Synth., Univ. Cathol. Louvain, Louvain-la-Neuve, B-1348, Belg.

SOURCE: Heterocycles (1989), 28(1), 29-32

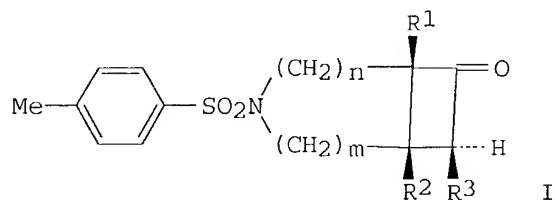
CODEN: HTCYAM; ISSN: 0385-5414

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 111:194526

GI



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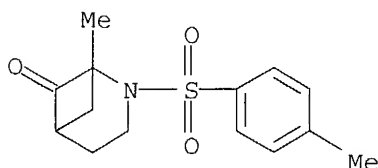
AB Unsaturated N-tosylaminoketeniminium salts generated in situ from α - and β -aminoamides, (E)- $\text{RCOCHR}_1(\text{CH}_2)_n\text{NSO}_2\text{C}_6\text{H}_4\text{Me}-4(\text{CH}_2)_m\text{CR}_2\text{:CHR}_3$ (R = pyrrolidino; $\text{R}_1 = \text{H, Me}$; $\text{R}_2 = \text{H, Me}$; $\text{R}_3 = \text{H, Me}$; $n=0,1$; $m=1,2$) readily underwent intramolecular [2+2] cycloadditions to give azabicyclic ketones I in good yields.

IT 122081-05-4P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 122081-05-4 CAPLUS

CN 2-Azabicyclo[3.1.1]heptan-6-one, 1-methyl-2-[(4-methylphenyl)sulfonyl]-
(9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1984:209445 CAPLUS

DOCUMENT NUMBER: 100:209445

TITLE: Synthesis of thromboxane A2 analogs and their biological activities

AUTHOR(S): Hamanaka, Nobuyuki

CORPORATE SOURCE: Cent. Res. Inst., Ono Pharm. Co. Ltd., Osaka, 618, Japan

SOURCE: Yuki Gosei Kagaku Kyokaishi (1984), 42(1), 62-73

CODEN: YGKKAE; ISSN: 0372-770X

DOCUMENT TYPE: Journal; General Review

LANGUAGE: Japanese

AB Synthesis of thromboxane A2 (TXA2) analogs such as dimethylene-TXA2, pinane derivative, 11,12-methylene-TXA2, 9,11-thia-11,12-methylene-TXA2, 9,11-carba-TXA2, 9,11-carba-11,12-thia-TXA2, 9,11-carba-11,12-aza-TXA2 and 9,11-methylenepoxy-TXA2 and their biological activities such as human platelet aggregation were discussed and reviewed with 29 refs.

IT 90129-45-6P

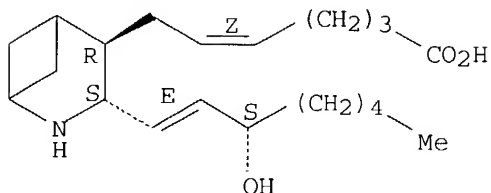
RL: PREP (Preparation)
(synthesis and biological activity of)

RN 90129-45-6 CAPLUS

CN 5-Heptenoic acid, 7-[3-(3-hydroxy-1-octenyl)-2-azabicyclo[3.1.1]hept-4-yl]-, [3S-[3 α (1E,3R*),4 β (Z)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

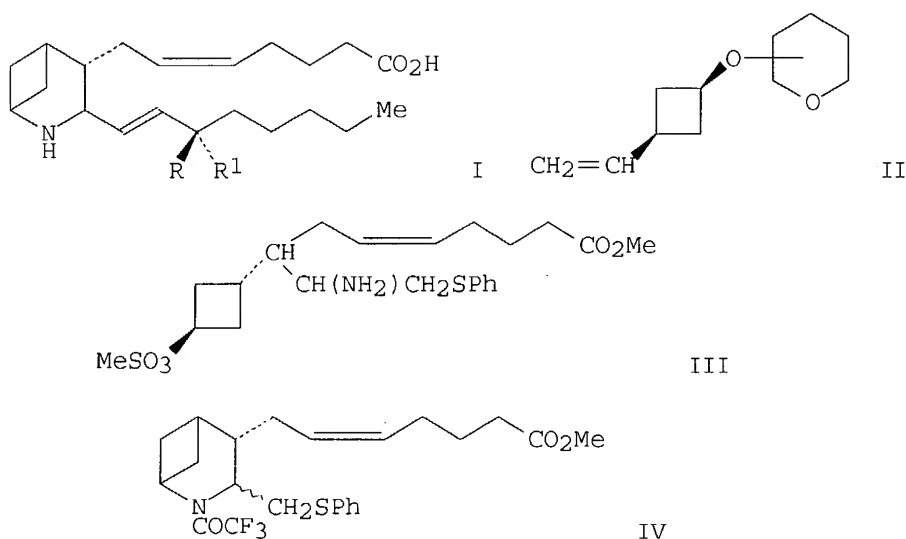
Double bond geometry as shown.



L4 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1983:179054 CAPLUS

DOCUMENT NUMBER: 98:179054
 TITLE: Synthesis of thromboxane A2 analog,
 DL-(9,11)-methano-(11,12)-aminothromboxane A2
 AUTHOR(S): Kosuge, Shunji; Hayashi, Masaki; Hamanaka, Nobuyuki
 CORPORATE SOURCE: Res. Inst., Ono Pharm. Co., Ltd., Osaka, 618, Japan
 SOURCE: Tetrahedron Letters (1982), 23(39), 4027-30
 CODEN: TELEAY; ISSN: 0040-4039
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI



AB The title thromboxane analogs I ($R \neq R1 = H, OH$) were prepared in several steps starting from the cyclobutane II. A key step was the ring closure of the amino ester III to give bicycle IV in 30% yield by treatment with NaH in DMF for 34 h at 40° and acylation with (F3CCO)2O. I ($R = H, R1 = OH$) showed contractile activity on an isolated rat aorta: its epimer showed no such activity.

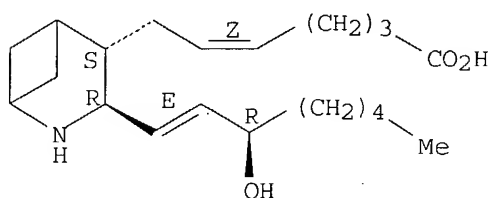
IT 85254-17-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and contractile activity of, in rat aorta)

RN 85254-17-7 CAPLUS

CN 5-Heptenoic acid, 7-[3-(3-hydroxy-1-octenyl)-2-azabicyclo[3.1.1]hept-4-yl]-, [3 α (1E,3R*),4 β (Z)]- (9CI) (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



IT 85281-76-1P

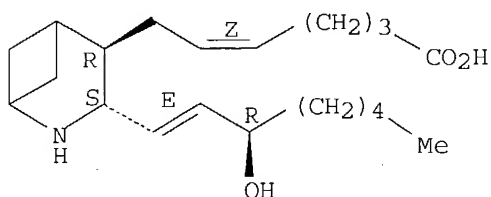
10/644,645

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 85281-76-1 CAPLUS

CN 5-Heptenoic acid, 7-[3-(3-hydroxy-1-octenyl)-2-azabicyclo[3.1.1]hept-4-yl]-
[3 α (1E,3S*),4 β (Z)]- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



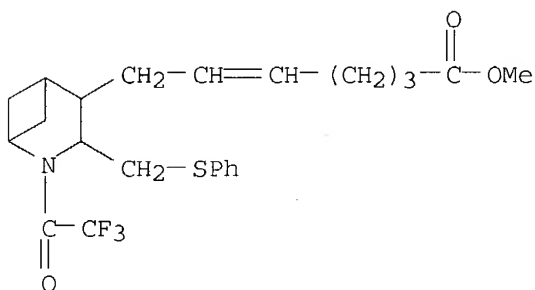
IT 85254-12-2P 85254-13-3P 85254-14-4P

85254-15-5P 85254-16-6P 85281-75-0P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as intermediate in the preparation of nitrogen-containing
thromboxane A₂ analog.)

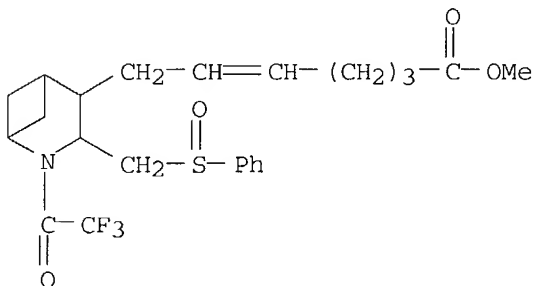
RN 85254-12-2 CAPLUS

CN 5-Heptenoic acid, 7-[3-[(phenylthio)methyl]-2-(trifluoroacetyl)-2-
azabicyclo[3.1.1]hept-4-yl]-, methyl ester (9CI) (CA INDEX NAME)



RN 85254-13-3 CAPLUS

CN 5-Heptenoic acid, 7-[3-[(phenylsulfinyl)methyl]-2-(trifluoroacetyl)-2-
azabicyclo[3.1.1]hept-4-yl]-, methyl ester (9CI) (CA INDEX NAME)

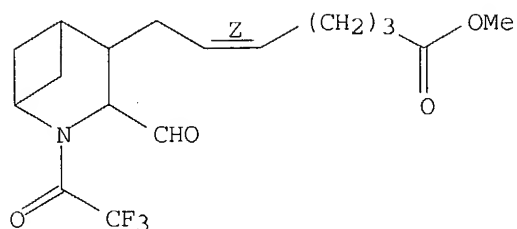


RN 85254-14-4 CAPLUS

CN 5-Heptenoic acid, 7-[3-formyl-2-(trifluoroacetyl)-2-azabicyclo[3.1.1]hept-
4-yl]-, methyl ester, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

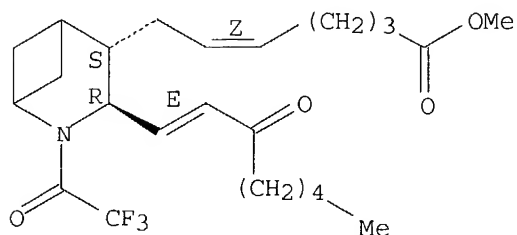
10/644,645



RN 85254-15-5 CAPLUS

CN 5-Heptenoic acid, 7-[3-(3-oxo-1-octenyl)-2-(trifluoroacetyl)-2-azabicyclo[3.1.1]hept-4-yl]-, methyl ester, [3 α (E),4 β (Z)]-(9CI) (CA INDEX NAME)

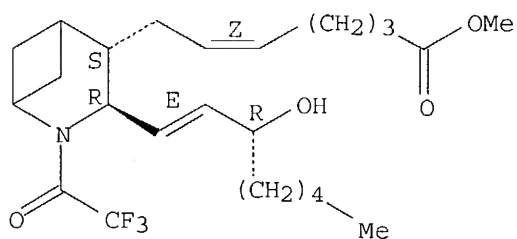
Relative stereochemistry.
Double bond geometry as shown.



RN 85254-16-6 CAPLUS

CN 5-Heptenoic acid, 7-[3-(3-hydroxy-1-octenyl)-2-(trifluoroacetyl)-2-azabicyclo[3.1.1]hept-4-yl]-, methyl ester, [3 α (1E,3R*),4 β (Z)]-(9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

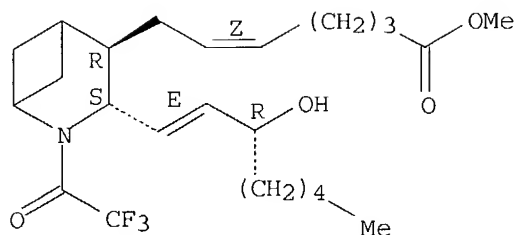


RN 85281-75-0 CAPLUS

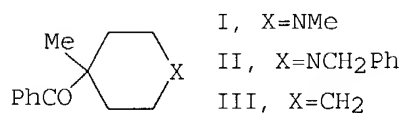
CN 5-Heptenoic acid, 7-[3-(3-hydroxy-1-octenyl)-2-(trifluoroacetyl)-2-azabicyclo[3.1.1]hept-4-yl]-, methyl ester, [3 α (1E,3S*),4 β (Z)]-(9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

10/644,645



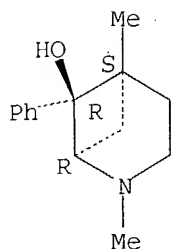
L4 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1977:188786 CAPLUS
DOCUMENT NUMBER: 86:188786
TITLE: Absence of intramolecular charge-transfer quenching in photoexcited 4-benzoylpiperidines
AUTHOR(S): Wagner, Peter J.; Scheve, B. J.
CORPORATE SOURCE: Dep. Chem., Michigan State Univ., East Lansing, MI, USA
SOURCE: Journal of the American Chemical Society (1977), 99(6), 1858-63
CODEN: JACSAT; ISSN: 0002-7863
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



AB The photochem. of I and II was compared with that of III. Like III, I and II undergo competitive α cleavage (yielding PhCHO and cyclization to bicyclo[3.1.1]heptan-6-ols. Sensitization and quenching studies both reveal that I, like III, forms two kinetically distinct triplets. These are assigned to separate chair conformers with the benzoyl group axial (I-a) or equatorial (I-e). Low-temperature ^{13}C NMR indicates a I-a/I-e ratio comparable with that for III. I-e has the same triplet lifetime as III-e and cleaves with the same quantum efficiency. The lack of intramol. charge-transfer quenching in I-e indicates that such quenching requires through-space orbital overlap. Triplet decay of I-a is 100 times faster than in III-a. The enhancement is ascribed to stabilization of the γ -radical site by the N lone pair.

IT 62718-27-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 62718-27-8 CAPLUS
CN 2-Azabicyclo[3.1.1]heptan-6-ol, 2,5-dimethyl-6-phenyl-,
(1 α ,5 α ,6 β)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



L4 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1959:77828 CAPLUS

DOCUMENT NUMBER: 53:77828

ORIGINAL REFERENCE NO.: 53:14121b-i,14122a-f

TITLE: Polymerization and ring strain in bridged bicyclic compounds

AUTHOR(S): Hall, H. K., Jr.

CORPORATE SOURCE: E. I. du Pont de Nemours & Co., Inc., Wilmington, DE

SOURCE: Journal of the American Chemical Society (1958), 80, 6412-20

CODEN: JACSAT; ISSN: 0002-7863

DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

OTHER SOURCE(S): CASREACT 53:77828

AB A number of atom-bridged bicyclic compds. have been prepared to study their polymerizability. 3- and 4-H₂N-C₆H₄CO₂H hydrogenated over Ru-C in H₂O gave the lactams of 3- and 4-H₂NC₆H₁₀CO₂H, m. 195-7° and 195-6°, resp. p-O₂NC₆H₄CH₂CO₂H hydrogenated in aqueous solution over Ru₂O gave p-H₂NC₆H₁₀CH₂CO₂H (I), m. about 290°. I heated at 150 mm. with a drop of H₃PO₄, distilled, the distillates extracted with Et₂O, and redistd., gave a mixture of an amide and a nitrile, b₁₅ 100-20°, and the lactam of I, m. 124°, identified by infrared analysis. Tetrahydropthalimide on hydrogenolysis, distillation, and purification gave

the

lactam of cis-2-aminomethylcyclohexanecarboxylic acid, m. 77-8°.

The lactam of cis-3-aminomethylcyclohexanecarboxylic acid could not be prepared by hydrogenolysis of 1,3-cyclohexanedicarboximide in dioxane over Ru₂O, by partial reduction with LiAlH₄ in tetrahydrofuran, or with H over Raney Ni in C₆H₁₂; partial hydrogenolysis was effected with Ni-C in dioxane with H, but the lactam could not be isolated. m-MeC₆H₄OH with COCl₂ and PhNMe₂ in C₆H₆ gave m-MeC₆H₄CO₂Cl (II) b₈ 96°.

m-H₂NC₆H₄OH hydrogenated in H₂O over Ru-C gave on distillation 25.5% mixed 3-H₂NC₆H₁₀OH b_{0.5} 115°; treatment with MeC₆H₄SO₃H gave, after recrystn. a stereochemically impure salt, m. 150-2.2°.

3-NHAcC₆H₄OH (III) hydrogenated in EtOH over Ru₂O gave cis-1,3-NHAcC₆H₁₀OH (IV), m. 118-18.5°. IV was also prepared by hydrogenation in EtOH over Pt₂O overnight, warming with an infrared lamp. The hydrotosylate of IV, m. 155.5-6.5°, prepared by refluxing IV with MeC₆H₄SO₃H.H₂O in H₂O 21 hrs. at 130° and precipitating in Me₂CO. II and MgO in CHCl₃ stirred 3 days, treated with 3N HCl and CHCl₃, and the CHCl₃ layer dried and evaporated, gave 88% N-m-cresyloxycarbonyl-cis-3-aminocyclohexanol, m. 133-7° (V). V, m-MeC₆H₄OH, and PbO refluxed 1 hr. at 150° gave the bicyclic urethan of cis-3-H₂NC₆H₁₀OH, m. 151-2°.

p-H₂NC₆H₄OH hydrogenated in H₂O over Ru-C and distilled gave a compound b_{0.5} 90-108°; with Ac₂O in CHCl₃ a compound, m. 135.5-5.9° was obtained. The hydrotosylate of cis-4-H₂NC₆H₁₀OH (VI), m.

197.5-8.5° was prepared similarly to the 3-isomer. VI, II, MgO, and CHCl₃ stirred 3 days at room temperature, 3N HCl and CHCl₃ added, the

precipitate

filtered off, and washed with 12N HCl and CHCl₃, the H₂O layer separated, extracted with CHCl₃, and the CHCl₃ evaporated gave the m-cresyloxycarbonyl derivative

of cis-4-NH₂C₆H₁₀OH (VII), m. 75.5-7.5°. VII was also prepared from VI, II, and K₂CO₃ in Me₂CO. The bicyclic urethan of VI, m. 154-6°, was obtained similarly to the 1,3-isomer from VII. p-NHAcC₆H₄OH hydrogenated in absolute EtOH over Ru-C gave trans-4-NHAcC₆H₁₀OH (VIII), m. 160-3.5°. The hydrosylate of VIII, prepared as described for the 3-isomer m. 243.5-45°; the m-cresyloxycarbonyl derivative (IX) m. 176-7°; the latter heated 15 min. at 200° with PbO gave a polymer, m. 400°, η_{inh} (H₂SO₄) 0.08. p-H₂NC₆H₁₀OH, b_{1.2} 100-3°, was fractionally distilled, the fraction b₂₀ 132-5°, with II and K₂CO₃ in Me₂CO-H₂O gave, on recrystn. (CH₂Cl₂), IX, m. 174°; the CH₂Cl₂ filtrate, evaporated and heated with litharge, gave on sublimation at 120°/3 mm. pure bicyclic urethan. Hydrogenation of 3-HOC₅H₄N in H₂O solution over Ru₂O gave 82% 3-HOC₅H₉NH (X), m. 59-62°. II in CH₂Cl₂, added to X and Et₃N in CH₂Cl₂, stirred 30 min., CH₂Cl₂ evaporated, Et₂O added, the solution washed with 1N HCl and H₂O,

and

evaporated gave 61.6% m-cresyloxycarbonyl derivative of X (XI), m. 62-4°. All attempts at preparation of the bicyclic urethan from XI resulted in decomposition. 4-HOC₅H₉NH (XII), m. 85.5-8°, was prepared by hydrogenation of 4-HOC₅H₄N in H₂O over Ru. XII and II with Et₃N in CH₂Cl₂ gave 67.3% N-m-cresyloxycarbonyl derivative of XII, m. 84-6°, from which the bicyclic urethan of XII could not be readily prepared; this compound did not readily polymerize. Hydrogenation of m-C₆H₄(OH)₂ in EtOH over Ru gave C₆H₁₁OH and the 1,3-diol (XIII), b_{1.4-1.0} 107-10°. XIII, (EtO)₂CO, and K₂CO₃ heated slowly to 200°, EtOH distilled, and the residue heated to 250° gave cyclohexane 1,3-diol cyclic carbonate (XIV), m. 173-4°. XIV and Cl₂-C₆H₃SO₃H heated 40 min. at 200°, the distillate treated with (CHCO)₂O in Et₂O, kept overnight at room temperature, extracted with 5:1 C₇H₁₆-C₆H₆, and the solvent evaporated gave the adduct of 1,3-cyclohexadiene with (CHCO)₂O, m. 146-8°. 1,3-(H₂N)₂C₆H₁₀, (EtO)₂CO, and NaH heated 2 hrs., EtOH distilled, and the residue sublimed at 210° gave 26% cyclic urea of 1,3-(H₂N)₂C₆H₁₀, m. 323°. cis-1,4-(H₂N)₂C₆H₁₀, similarly treated or on reaction with (PhO)₂CO, gave no sublimable or H₂O soluble material. 1,3- and 1,4-C₆H₁₀(CO₂H)₂ were prepared by hydrogenating 1,3- or 1,4-C₆H₄(CO₂Me)₂ in dioxane over RuC and hydrolyzing the esters by boiling 8 hrs. with 36% HCl. NH₄OH (30%) added slowly to 1,3-C₆H₁₀(CO₂H)₂, H₂O distilled slowly over 2 hrs., the residue distilled rapidly, H₂O added, the pH brought to 7.0 with NaOH, CHCl₃ added to the precipitate, CHCl₃ evaporated from the total organic extract, and the

residue sublimed,

gave cyclohexane-1,3-carboximide (XV), m. 189-91°. A similar reaction with 40% aqueous MeNH₂ gave 72.2% cyclohexane-1,3-dicarboxylic-N-methylimide, m. 58.5-9.5°. Cyclohexane-1,3-dicarboxylic anhydride prepared by the method of Perkin m. 167-86°. Hydrogenation of p-HOC₆H₄CO₂H in H₂O over Ru₂O, and distillation of the acid at 190°/15 mm. gave the bicyclic lactone of 4-HOC₆H₁₀CO₂H (XVI) m. 126-7°. Hydrogenation of m-HOC₆H₄CO₂Et over Ru₂O in EtOH gave 3-HOC₆H₁₀CO₂Et (XVII) b_{0.5} 90°. XVII heated 1 hr. at 190° with PbO, distilled in vacuo, and the residue recrystd. and sublimed, gave the 3-isomer of XVI, m. 126-31°. Polymerization of bicyclic monomers was carried out as previously described (cf. two preceding abstract). Cyclic ester, urethans, and imides were heated 24 hrs. at 100-200° with PbO, K₂CO₃, NaH, tetraisopropyl titanate, and 2,5-Cl₂C₆H₃SO₃H. Lactones and cyclic ureas were heated 24 hrs. at 150-260° with H₂O and NaH. Polymerization results show that different kinds of monomers belonging to a given ring system show common behavior. Compds. belonging to the bicyclo [2.2.2]octane and bicyclo [3.2.2] nonane series, in which the cyclohexane ring occurs in the boat form, underwent polymerization readily. Monomers of the bicyclo[3.2.1]octane group differed in ease of

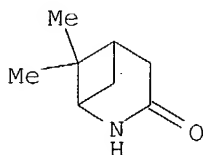
10/644,645

polymerization. Compds. of the bicyclo [3.3.1] nonane series, in which 2 stable chair forms of cyclohexane are fused together, were not polymerizable.

IT 99709-23-6, 2-Azabicyclo[3.1.1]heptan-3-one, 7,7-dimethyl-
(attempted preparation of)

RN 99709-23-6 CAPLUS

CN 2-Azabicyclo[3.1.1]heptan-3-one, 7,7-dimethyl- (6CI) (CA INDEX NAME)



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L1 STRUCTURE UPLOADED

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L3 14 S L1 FULL

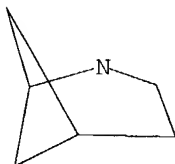
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L1 HAS NO ANSWERS


L1 STR



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Inventor Name Search Result

Your Search was:

Last Name = KOZIKOWSKI

First Name = ALAN

Application#	Patent#	Status	Date Filed	Title	Inventor Name 51
<u>60515392</u>	Not Issued	020	10/29/2003	INHIBITORS OF GLYCOGEN SYNTHASE KINASE-3	KOZIKOWSKI, ALAN P.
<u>60513521</u>	Not Issued	020	10/22/2003	DOPAMINE-, NOREPINEPHRINE- AND SEROTONIN- TRANSPORTER-SELECTIVE HETEROCYCLIC COMPOUNDS AND THEIR THERAPEUTIC APPLICATIONS	KOZIKOWSKI, ALAN P.
<u>60477468</u>	Not Issued	020	06/10/2003	LIGANDS FOR NICOTINIC ACETYLCHOLINE RECEPTORS, AND METHODS OF MAKING AND USING THEM	KOZIKOWSKI, ALAN P.
<u>60471210</u>	Not Issued	020	05/16/2003	VANILLOID RECEPTOR ANTAGONISTS, AND METHODS OF MAKING AND USING THEM	KOZIKOWSKI, ALAN P.
<u>60423548</u>	Not Issued	020	11/04/2002	INHIBITORS OF BETA-SECRETASE, AND THEIR USE FOR THE PREVENTION OR TREATMENT OF ALZHEIMER'S DISEASE OR MILD COGNITIVE IMPAIRMENT	KOZIKOWSKI, ALAN P.
<u>60415616</u>	Not Issued	020	10/02/2002	SYNTHESIS OF DIMERIC, TRIMERIC, TETRAMERIC, PENTAMERIC, AND HIGHER OLIGOMERIC EPICATECHIN-DERIVED PROCYANIDINS HAVING 4BETA,8-INTERFLAVAN LINKAGES AND THEIR USE TO INHIBIT CANCER CELL GROWTH THROUGH CELL CYCLE ARREST	KOZIKOWSKI, ALAN P.
<u>60410677</u>	Not Issued	020	09/13/2002	LIGANDS FOR THE PEROXISOME PROLIFERATOR-ACTIVATED	KOZIKOWSKI, ALAN P.

				RECEPTOR, AND METHODS OF USE THEREOF	
<u>60407239</u>	Not Issued	020	09/03/2002	AKT INHIBITORS, PHARMACEUTICAL COMPOSITIONS, AND USES THEREOF	KOZIKOWSKI, ALAN P.
<u>60395914</u>	Not Issued	159	07/15/2002	AMIDE-BEARING BENZOLACTAMS THAT MODULATE PROTEIN KINASE C, AND METHODS OF USE THEREOF	KOZIKOWSKI, ALAN P.
<u>60347487</u>	Not Issued	159	01/10/2002	[11C]MCG FOR IMAGING NAALADASE/PSMA	KOZIKOWSKI, ALAN P.
<u>60241670</u>	Not Issued	159	10/18/2000	COMBINATION OF HUPERZINE AND NICOTINIC COMPOUNDS AS A NEUROPROTECTIVE AGENT	KOZIKOWSKI, ALAN P.
<u>60232275</u>	Not Issued	159	09/13/2000	SYNTHESIS OF 2-HYDROXYMETHYLGLUTAMIC ACID	KOZIKOWSKI, ALAN P.
<u>60226580</u>	Not Issued	159	08/21/2000	NOVEL CLASS OF DOPAMINE TRANSPORTER INHIBITORS AND POTENTIAL COCAINE ANTAGONISTS FOR THE TREATMENT OF COCAINE ABUSE	KOZIKOWSKI, ALAN
<u>60223724</u>	Not Issued	159	08/08/2000	3,4-DIDEOXY PHOSPHATIDYLINOSITOL ETHER LIPID ANALOG INHIBITORS OF MYO-INOSITOL CYCLE	KOZIKOWSKI, ALAN P.
<u>60223605</u>	Not Issued	159	08/07/2000	COMBINATION OF HUPERZINE AND NICOTINIC COMPOUNDS AS A NEUROPROTECTIVE AGENT	KOZIKOWSKI, ALAN P.
<u>60223421</u>	Not Issued	159	08/07/2000	3,4-DIDEOXY PHOSPHATIDYLINOSITOL ETHER LIPID ANALOG INHIBITORS OF MYO-INOSITOL CYCLE	KOZIKOWSKI, ALAN P.
<u>60200385</u>	Not Issued	159	04/28/2000	RIGID PYRROLIDONE MODULATORS OF PKC	KOZIKOWSKI, ALAN P.
<u>60194861</u>	Not Issued	159	04/06/2000	BENZOLACTAM (BL) ENHANCES SAPP SECRETION IN FIBROBLASTS AND IN PC12 CELLS	KOZIKOWSKI, ALAN P.
<u>60192427</u>	Not Issued	159	03/28/2000	SUBSTITUTED PYRROLIDINES AND HEXAHYDROAZEPINES	KOZIKOWSKI, ALAN P.

				AND METHODS OF USE THEREOF	
<u>60188031</u>	Not Issued	159	03/09/2000	LIGANDS FOR METABOTROPIC GLUTAMATE RECEPTORS AND INHIBITORS OF NAALADASE	KOZIKOWSKI, ALAN P.
<u>10658241</u>	Not Issued	020	09/09/2003	SYNTHESIS OF DIMERIC, TRIMERIC, TETRAMERIC, PENTAMERIC, AND HIGHER OLIGOMERIC EPICATECHIN-DERIVED PROCYANIDINS HAVING 4BETA,8-INTERFLAVAN LINKAGES AND THEIR USE TO INHIBIT CANCER CELL GROWTH THROUGH CELL CYCLE ARREST	KOZIKOWSKI, ALAN P.
✓ <u>10644645</u>	Not Issued	030	08/20/2003	BICYCLIC METABOTROPIC GLUTAMATE RECEPTOR LIGANDS	KOZIKOWSKI, ALAN P.
<u>10638958</u>	Not Issued	020	08/11/2003	MONOMERIC AND DIMERIC HETEROCYCLES, AND THERAPEUTIC USES THEREOF	KOZIKOWSKI, ALAN P.
<u>10629350</u>	Not Issued	030	07/29/2003	SYNTHESIS OF 2-HYDROXYMETHYLGLUTAMIC ACID AND CONGENERS THEREOF	KOZIKOWSKI, ALAN P.
<u>10614498</u>	Not Issued	030	07/07/2003	HISTONE DEACETYLASE INHIBITORS AND METHODS OF USE THEREOF	KOZIKOWSKI, ALAN P.
<u>10612008</u>	Not Issued	020	07/03/2003	COMPOUNDS SELECTIVELY INHIBITING GAMMA 9 DELTA 2 T LYMPHOCYTES	KOZIKOWSKI, ALAN
<u>10611852</u>	Not Issued	020	07/03/2003	COMPOUNDS SELECTIVELY INHIBITING GAMMA 9 DELTA 2 T LYMPHOCYTES	KOZIKOWSKI, ALAN P.
<u>10374765</u>	Not Issued	030	02/25/2003	LIGANDS FOR METABOTROPIC GLUTAMATE RECEPTORS AND INHIBITORS OF NAALADASE	KOZIKOWSKI, ALAN P.
<u>10355606</u>	Not Issued	041	01/31/2003	SYNTHETIC METHODS FOR POLYPHENOLS	KOZIKOWSKI, ALAN P.
<u>10340864</u>	Not Issued	020	01/10/2003	IMAGING AGENTS AND METHODS OF IMAGING NAALADASE OR PSMA	KOZIKOWSKI, ALAN P.
<u>10278758</u>	Not Issued	041	10/23/2002	ANALOGS OF COCAINE	KOZIKOWSKI, ALAN P.
<u>10258661</u>	Not	020	07/07/2003	RIGID PYRROLIDONE	KOZIKOWSKI,

	Issued			MODULATORS OF PKC	ALAN
<u>10254916</u>	Not Issued	041	09/26/2002	TREATMENT OF CONDITIONS ASSOCIATED WITH AMYLOID PROCESSING USING PKC ACTIVATORS	KOZIKOWSKI, ALAN P.
<u>10214830</u>	<u>6720432</u>	150	08/08/2002	SYNTHESIS OF 4ALPHA-ARYLEPICATECHINS	KOZIKOWSKI, ALAN P.
<u>10209170</u>	<u>6605621</u>	150	07/30/2002	MONOMERIC AND DIMERIC HETEROCYCLES, AND THERAPEUTIC USES THEREOF	KOZIKOWSKI, ALAN P.
<u>10092388</u>	<u>6610743</u>	150	03/06/2002	BICYCLIC METABOTROPIC GLUTAMATE RECEPTOR LIGANDS	KOZIKOWSKI, ALAN P.
<u>10089169</u>	Not Issued	041	11/12/2002	DOPAMINE TRANSPORTER INHIBITORS AND THEIR USE	KOZIKOWSKI, ALAN
<u>10017812</u>	<u>6528664</u>	150	12/14/2001	SYNTHETIC METHODS FOR POLYPHENOLS	KOZIKOWSKI, ALAN P.
<u>09958323</u>	<u>6624151</u>	150	12/20/2001	COMPOUNDS SELECTIVELY INHIBITING GAMMA 9 DELTA 2 T LYMPHOCYTES	KOZIKOWSKI, ALAN P.
<u>09952325</u>	<u>6599940</u>	150	09/13/2001	SYNTHESIS OF 2-HYDROXYMETHYLGLUTAMIC ACID AND CONGENERS THEREOF	KOZIKOWSKI, ALAN P.
<u>09910819</u>	<u>6369052</u>	150	07/23/2001	COMBINATION OF HUPERZINE AND NICOTINIC COMPOUNDS AS A NEUROPROTECTIVE AGENT	KOZIKOWSKI, ALAN P.
<u>09879765</u>	<u>6667340</u>	150	06/12/2001	INHIBITORS OF PHOSPHATIDYL MYO-INOSITOL CYCLE	KOZIKOWSKI, ALAN P.
<u>09872913</u>	<u>6431632</u>	150	06/04/2001	AUTOMOBILE SEAT ASSEMBLY ATTACHMENT STRUCTURE	KOZIKOWSKI, ALANNA J.
<u>09769774</u>	<u>6472422</u>	150	01/25/2001	ANALOGS OF COCAINE	KOZIKOWSKI, ALAN P.
<u>09769737</u>	<u>6376532</u>	150	01/25/2001	BICYCLIC METABOTROPIC GLUTAMATE RECEPTOR LIGANDS	KOZIKOWSKI, ALAN P.
<u>09671104</u>	Not Issued	071	09/27/2000	NOVEL TROPANE ANALOGS	KOZIKOWSKI, ALAN P.
<u>09662767</u>	<u>6528499</u>	150	09/15/2000	LIGANDS FOR METABOTROPIC GLUTAMATE RECEPTORS AND INHIBITORS OF NAALADASE	KOZIKOWSKI, ALAN P.
<u>09655360</u>	<u>6476241</u>	150	09/05/2000	SYNTHESIS OF 4APHA-ARYLEPICATECHINS	KOZIKOWSKI, ALAN P.
<u>09652656</u>	Not Issued	161	08/31/2000	TREATMENT OF CONDITIONS ASSOCIATED WITH AMYLOID	KOZIKOWSKI, ALAN P.

				PROCESSING USING BENZOLACTAMS	
<u>09559978</u>	<u>6479470</u>	150	04/27/2000	LIGANDS FOR METABOTROPIC GLUTAMATE RECEPTORS AND INHIBITORS OF NAALADASE	KOZIKOWSKI, ALAN P.
<u>09520497</u>	<u>6271379</u>	150	03/08/2000	INTERMEDIATES USEFUL FOR THE SYNTHESIS OF HUPERZINE A	KOZIKOWSKI, ALAN P.

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